Your talk title goes here

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Cold open

Forecast

Listing section titles lets your audience know what to expect

Don’t just read these, though; people won’t like that

Coming up, you’ll find out what not to do

You’ll see some useful clipart

And it will all be tied up with a call to action and conclusions

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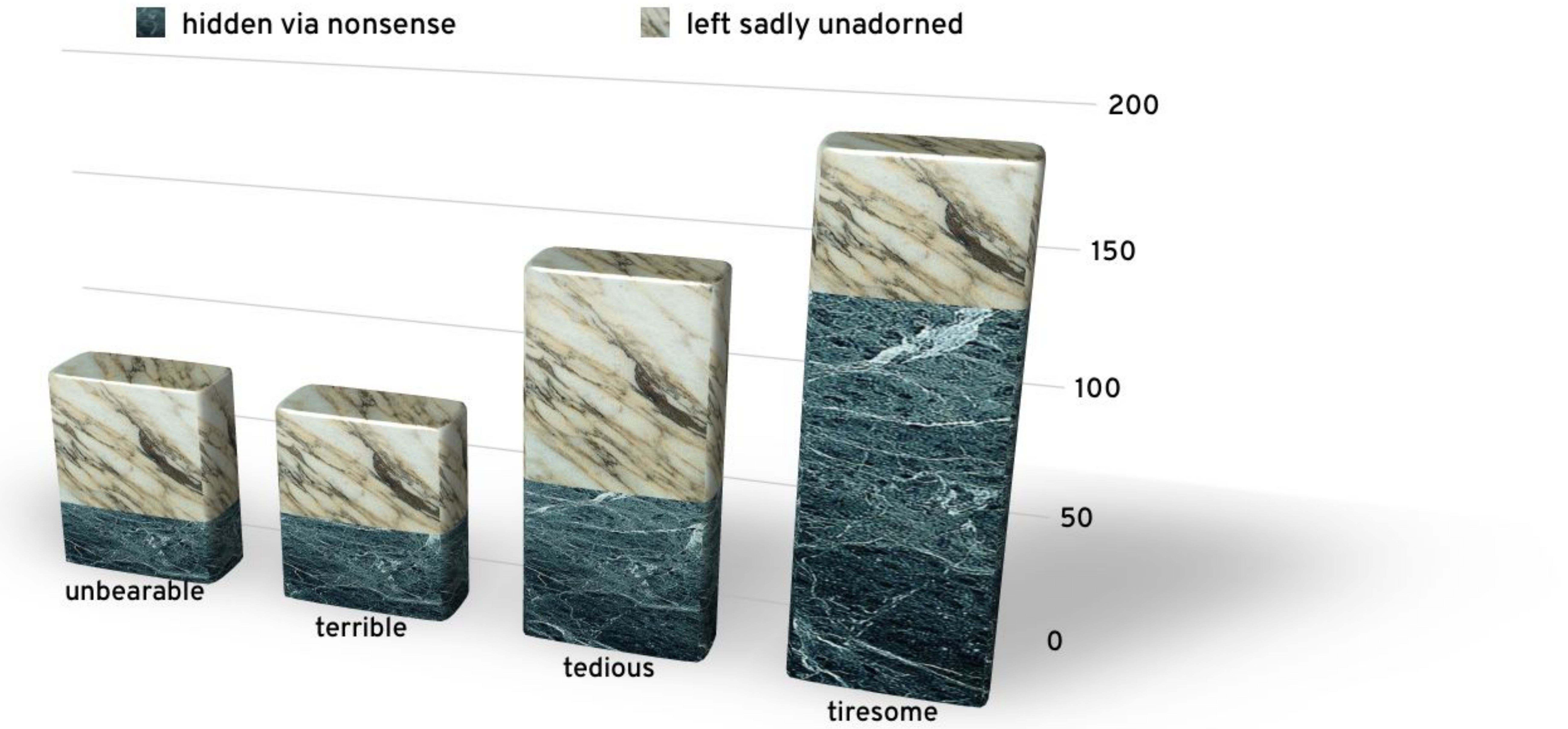
What not to do

What makes for bad slides?

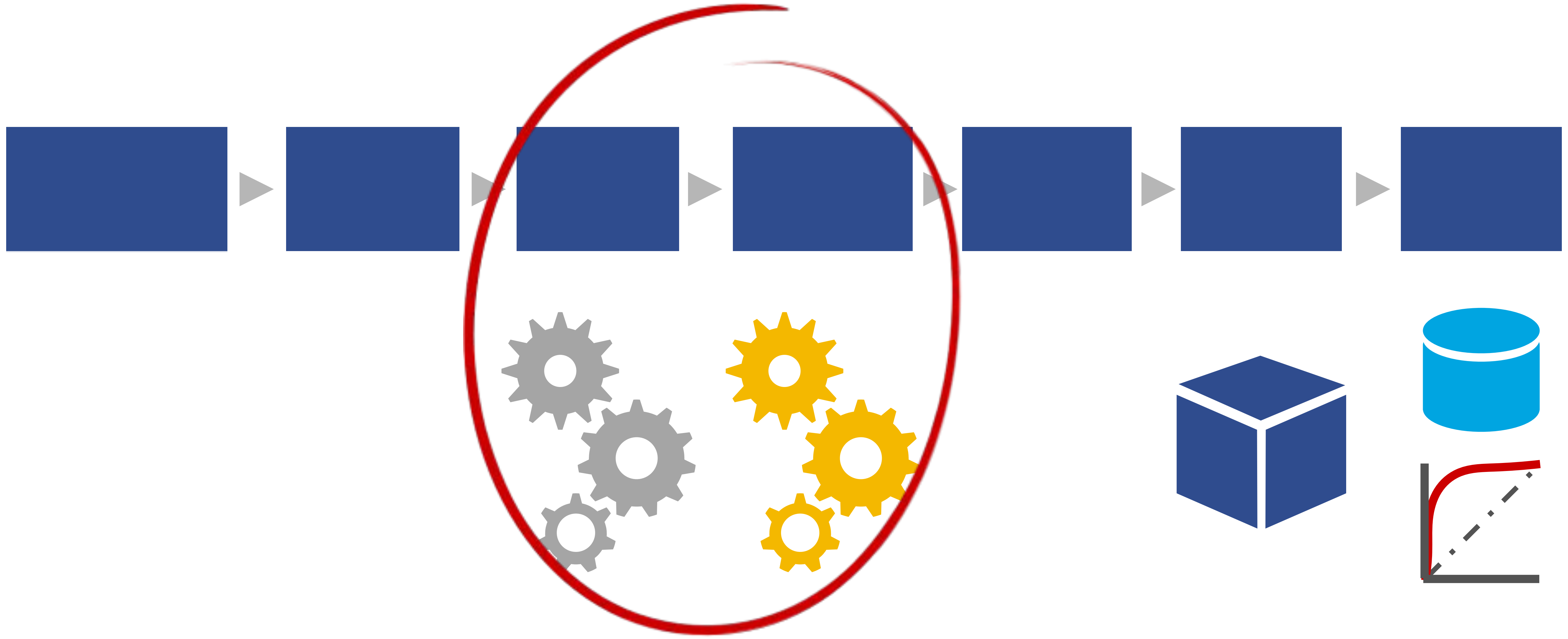
- One characteristic of bad slides is that they often have too much text or serve as an outline for a lazy speaker who has failed to adequately prepare, meaning that the audience will be reading instead of listening
        - Also feature many sentence fragments
- Because font size is too small, readability suffers, key points not reinforced, audience asleep
- Fortunately, you can print this out and read it later, gathering much of benefit of attending talk
    - Unfortunately, slides like this make you wonder why you are bothering to attend the presentation in the first place

Bad slides need not be verbose



Sidebar: positive suggestions

Use transparency (see notes)



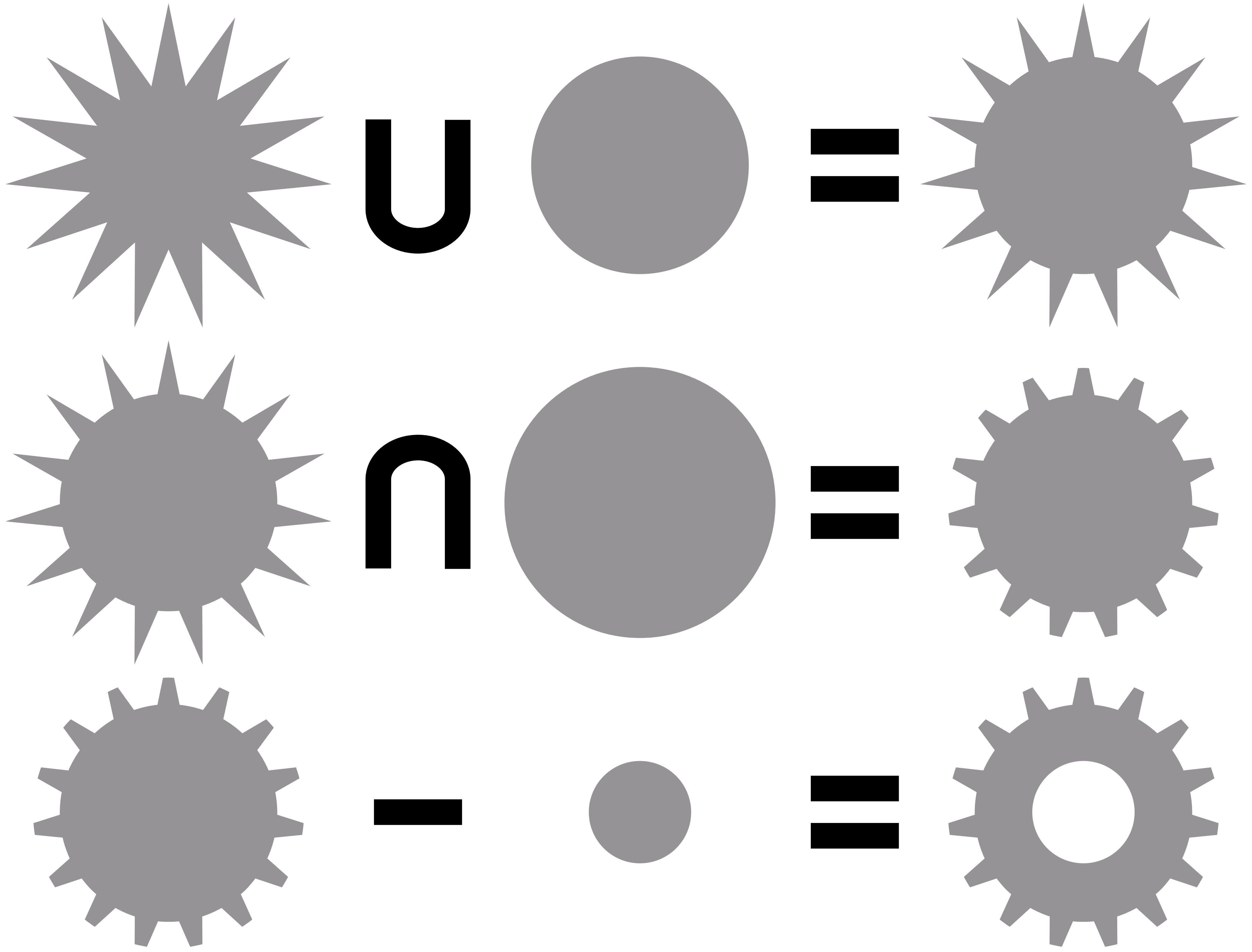
Transparency is great for code

```
var nextModel = initialModel
for (int i = 0; i < iterations; i++) {

  val newState = examples.aggregate(ModelState.empty()) {
    { case (state: ModelState, example: Example) =>
      state.update(nextModel.lookup(example, i), example) }
    { case (s1: ModelState, s2: ModelState) => s1.combine(s2) }
  }
  nextModel = modelFromState(newState)

}
```

“fold”: update the state for this partition with a single new example

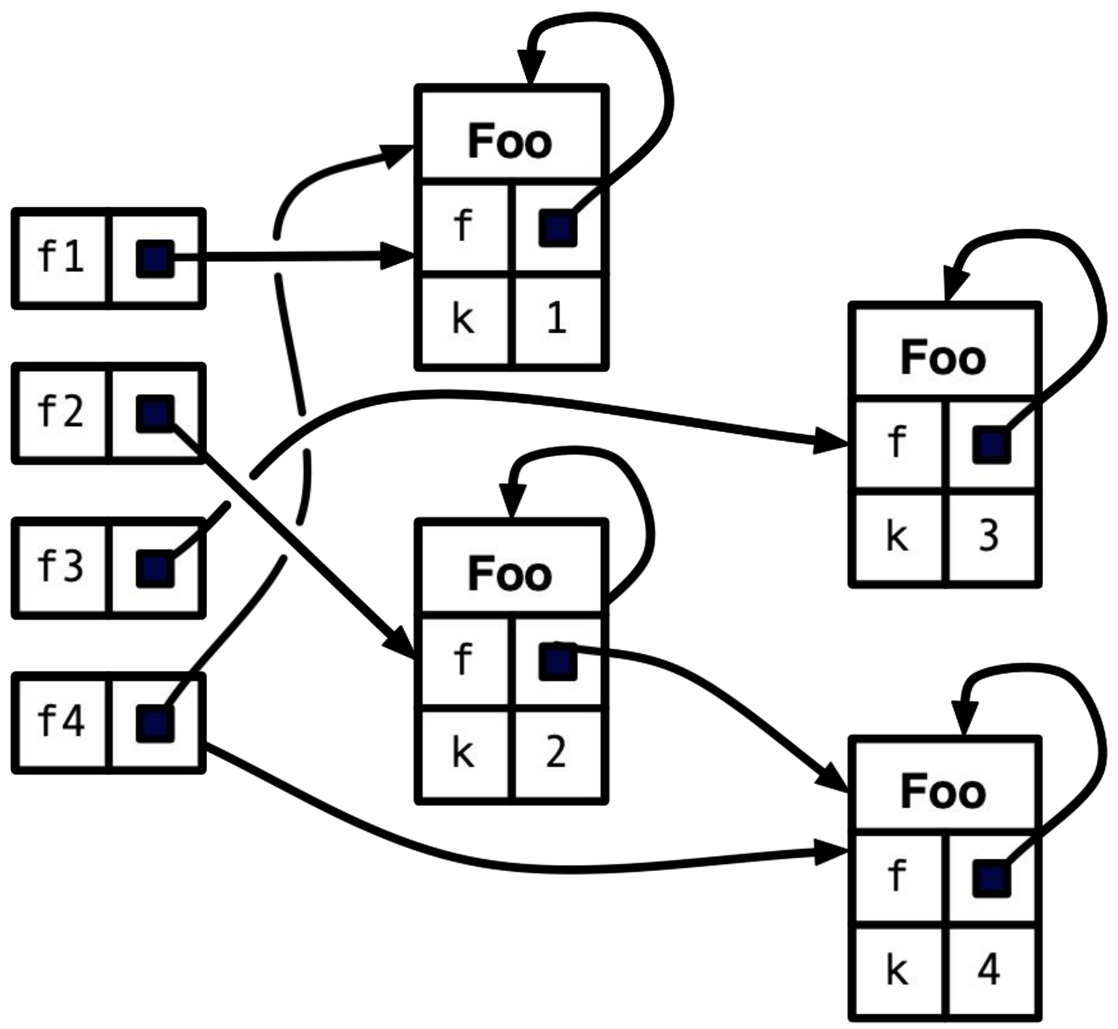
Use simple figures

Boolean operations on objects



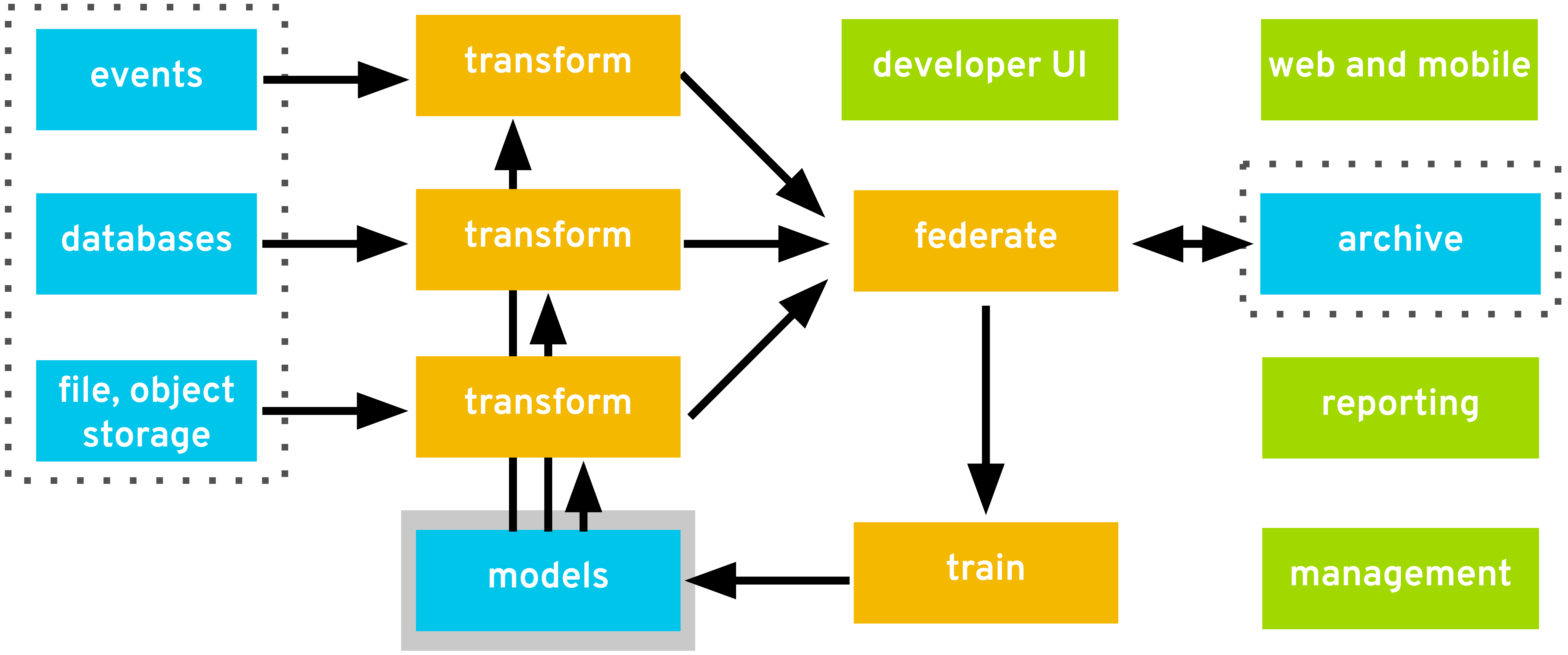
Show processes by animating

```
public class Foo {
    private Foo f;
    private int k;

    public Foo(int k) {
        this.k = k;
        this.f = this;
    }

    public void sF(Foo f) {
        this.f = f;
    }

    public static void main(String args) {
        Foo f1, f2, f3, f4;
        f1 = new Foo(1);
        f2 = new Foo(2);
        f3 = new Foo(3);
        f4 = new Foo(4);

        f2.sF(f4);

        f4 = f1;
        // BANG
    }
}
```

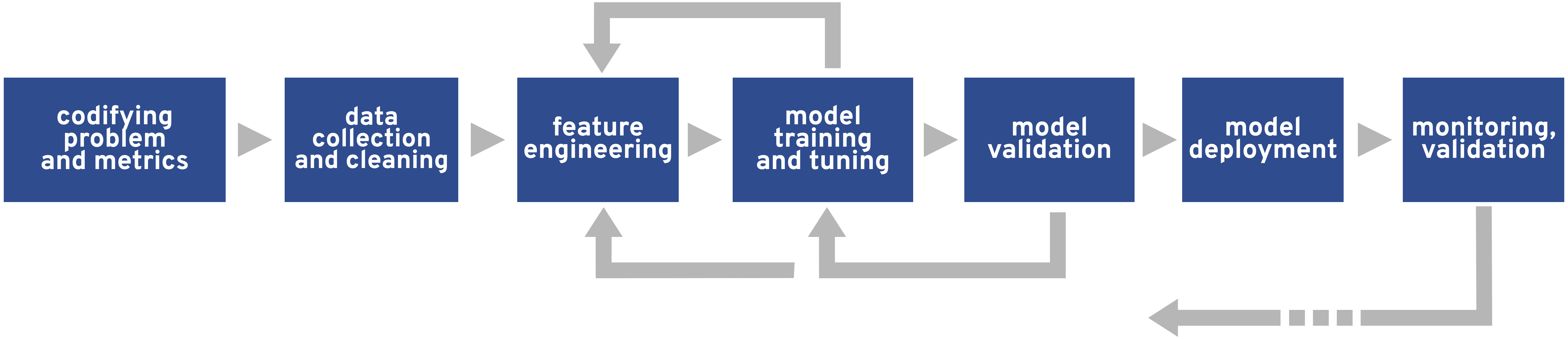


Useful clipart

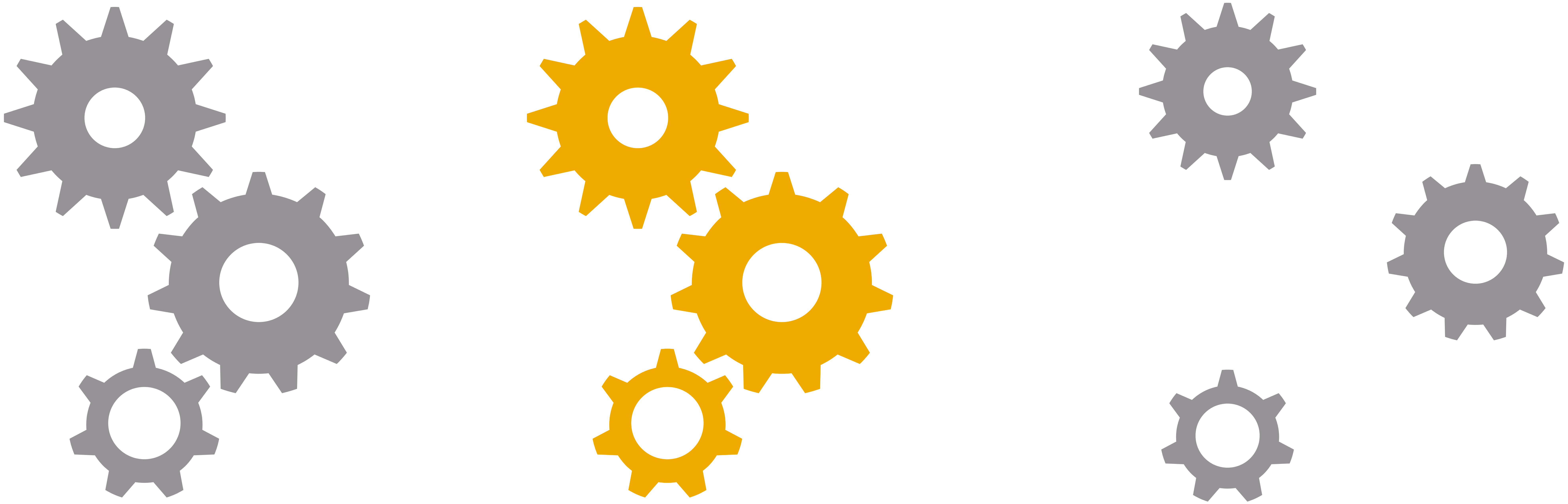
Intelligent applications



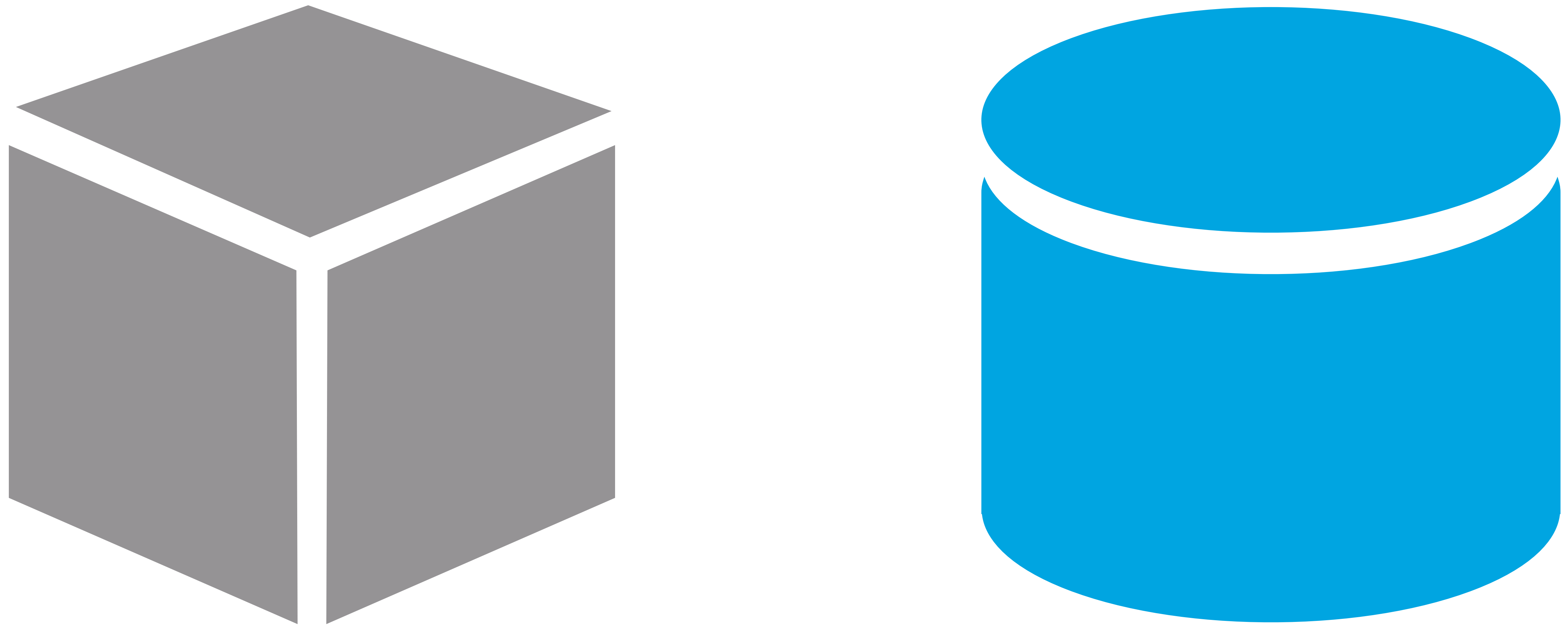
Machine learning workflows


codifying problem and metrics
data collection and cleaning
feature engineering
model training and tuning
model validation
model deployment
monitoring, validation

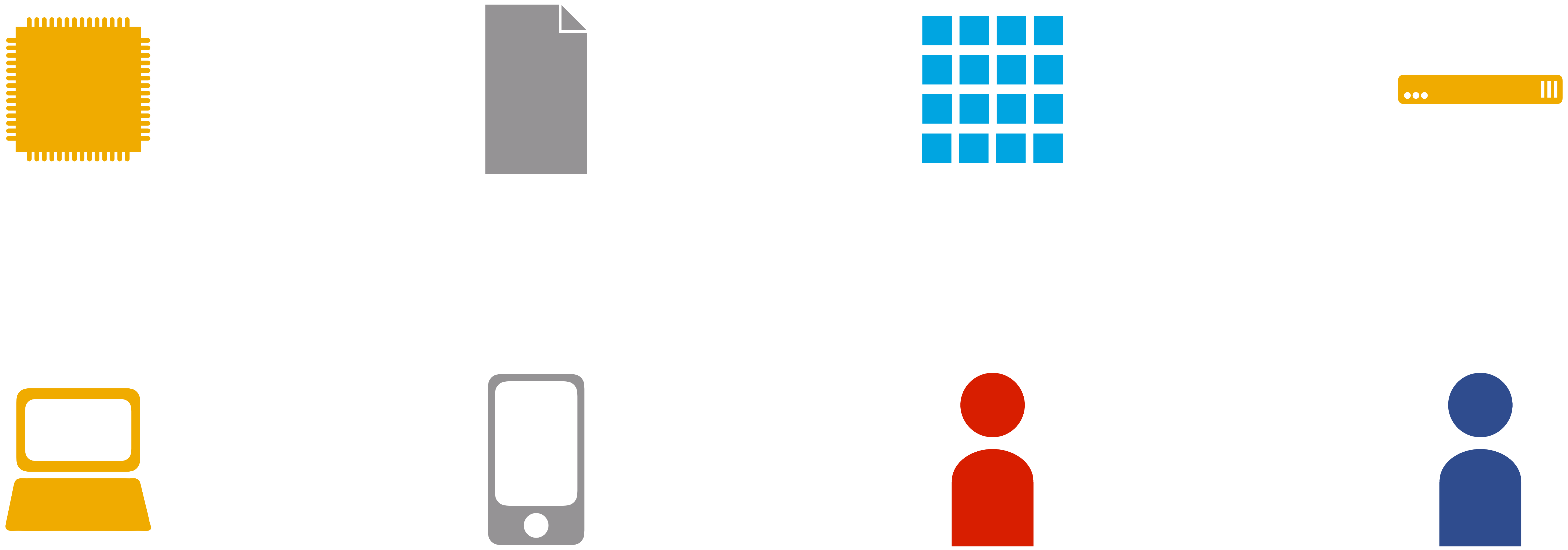
Feature engineering & training



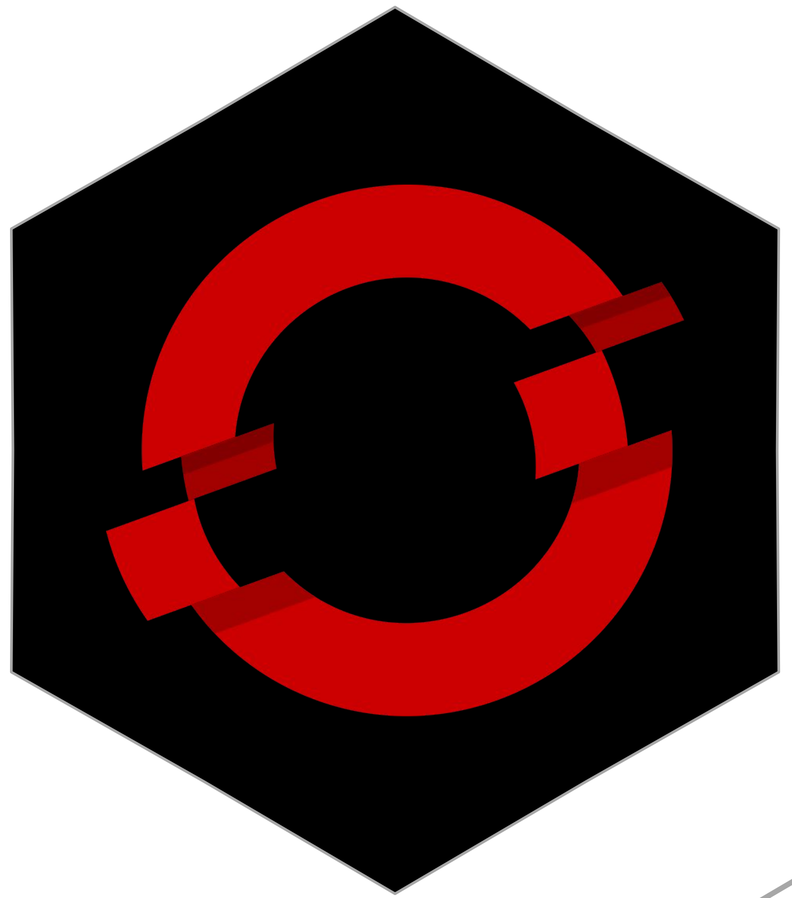
ML models and storage



Devices, apps, documents, data



Laptop stickers



Demo

Hands-on Tutorial

Call to action and conclusions